

WEST

## Freeform Search

**Database:**

- US Patents Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

**Term:**

**Display:** 20 Documents in Display Format: - Starting with Number 1

**Generate:**  Hit List  Hit Count  Side by Side  Image

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**Search** **Clear** **Help** **Logout** **Interrupt**

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**Main Menu** | **Show S Numbers** | **Edit S Numbers** | **Preferences** | **Cases**

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Search History

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DATE: Monday, September 02, 2002 [Printable Copy](#) [Create Case](#)Set Name Query  
side by sideHit Count Set Name  
result set

DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L48</u>	same (liquid crystal material or liquid crystal mixture or liquid crystal medium or liquid crystal composition) same (suitable or useful or used)	9	<u>L48</u>
<u>L47</u>	ips same stn same tn	61	<u>L47</u>
<u>L46</u>	L45 and liquid crystal\$	23	<u>L46</u>
<u>L45</u>	e7 with positive	108	<u>L45</u>
<u>L44</u>	e7 same positive	252	<u>L44</u>
<u>L43</u>	ep same positive	1969	<u>L43</u>
<u>L42</u>	positive and L41	2	<u>L42</u>
<u>L41</u>	us-5156763-\$ did. or us-5334327-\$ did. or jp-09157654-\$ did.	5	<u>L41</u>
<u>L40</u>	gzu-\$ or uzu-?-N	0	<u>L40</u>
<u>L39</u>	us-5156763-\$ did. or us-5334327-\$ did. or jp-09157654-\$ did.	5	<u>L39</u>
<u>L38</u>	l4 with polyimide	49	<u>L38</u>
<u>L37</u>	l34 and alignment layer	2	<u>L37</u>

<u>L36</u>	L34 and alingment layer	0	<u>L36</u>
<u>L35</u>	L34 and thickness	2	<u>L35</u>
<u>L34</u>	US-4974940-\$ did.	2	<u>L34</u>
<u>L33</u>	US -4974940-\$ did.	0	<u>L33</u>
<u>L32</u>	l26 and alignment layer	0	<u>L32</u>
<u>L31</u>	l26 and thickness	2	<u>L31</u>
<u>L30</u>	Ll3 and thickness	18	<u>L30</u>
<u>L29</u>	l22 and l15 and twist angle and l4	7	<u>L29</u>
<u>L28</u>	L26 and l4	0	<u>L28</u>
<u>L27</u>	L26 and thickness	2	<u>L27</u>
<u>L26</u>	us-5188758-\$ did. or us-4799774-\$ did.	3	<u>L26</u>
<u>L25</u>	L24 and l23	4	<u>L25</u>
<u>L24</u>	L22 same twist angle	730	<u>L24</u>
<u>L23</u>	L22 same l15	23	<u>L23</u>
<u>L22</u>	liquid crystal\$ layer	19872	<u>L22</u>
<u>L21</u>	L20 and stn	1	<u>L21</u>
<u>L20</u>	us-5578241-\$ did.	2	<u>L20</u>
<u>L19</u>	l17 and stn	8	<u>L19</u>
<u>L18</u>	L17 and twist angle	8	<u>L18</u>
<u>L17</u>	L15 and l4	13	<u>L17</u>
<u>L16</u>	L15 and l7	2	<u>L16</u>
<u>L15</u>	surface tilt angle	252	<u>L15</u>
<u>L14</u>	L13 and stn	16	<u>L14</u>
<u>L13</u>	L2 and l4	38	<u>L13</u>
<u>L12</u>	l2 same l4	5	<u>L12</u>
<u>L11</u>	L10 and alignment layer	70	<u>L11</u>
<u>L10</u>	l2 and stn	143	<u>L10</u>
<u>L9</u>	L8 and twist angle	1	<u>L9</u>
<u>L8</u>	L7 and l4	9	<u>L8</u>
<u>L7</u>	alignment layer with inside surface	60	<u>L7</u>
<u>L6</u>	l4 same inside surface	2	<u>L6</u>
<u>L5</u>	L4 and l3	32	<u>L5</u>
<u>L4</u>	alignment layer with thickness	388	<u>L4</u>
<u>L3</u>	L2 same liquid crystal\$	571	<u>L3</u>
<u>L2</u>	surface with tilt angle	3568	<u>L2</u>
<u>L1</u>	de-4100287-\$ did.	2	<u>L1</u>

END OF SEARCH HISTORY